



## Your Guide to Isle Royale National Park

[www.nps.gov/isro](http://www.nps.gov/isro)

National Park Service  
U.S. Department of the Interior



# An Emerald Isle Joins the Crown

STEPHEN MATHER WAS A MAN OF high standards. He had to be. As first director of the National Park Service, he had every Congressman this side of Canada clamoring to have a national park in his own backyard. It was the Jazz Age, the 1920s, and the National Park Service was in the spotlight. Home from the war, soldiers and citizens had their first opportunities to go exploring in their own automobiles, and Mather wanted them to come to the national parks. A nationwide publicity campaign, combined with an expanding network of roads, put our nation's playgrounds on display.

Yellowstone, Yosemite and Grand Canyon were some of the first jewels in the Park Service crown. To those, Mather was working to add more that would equal their grandeur and splendor. He envisioned parks that would spread across the nation—not just across the West. But in selecting his next rubies and emeralds, he had to choose carefully. A wrong selection would tarnish the entire system. One counterfeit jewel and the rest would come into question.

Senators, governors and businessmen from across the United States brought him suggestions. Lake Tahoe and the Badlands of North Dakota he turned down because they were too full of private holdings. Mt. Adams and Mt. Hood were too much like Mt. Rainier and didn't bring variety to the system. And Lake Chelan in Washington, the Wasatch in Utah and the Big Horns in Wyoming? They just didn't meet his standards.

He suggested state park-hood instead.

But while looking for that next jewel, Mather had to keep one important factor in mind. Not everyone in America could or would travel to the remote

wilds of the country, even with new roads and available automobiles. To gain traction for his fledgling agency, he needed to strike a fine balance: find beauty in areas accessible to cities, but not too accessible. Mather's road-building and entertainment-providing campaigns had offended some of the staunchest supporters of outdoor recreation. By the mid-1920s, he needed to deliver a park that would maintain the Park Service's highest standards of grandeur while reaching a new geographic region and appealing to the primitivists who felt that national parks had become too much spectacle. It was in this state of searching and culling that articles by *Detroit News* journalist Albert Stoll, describing the primeval beauty of a Michigan island, reached Mather's desk.

Mather's interest was piqued. In the summer of 1924, an enthusiastic group of wealthy Michigan businessmen, island landholders and island residents gave Mather a boat tour that would change Isle Royale's history. After just a few days aboard the boat, the island had worked its magic on Mather, and he declared that it would make "the finest water and trail park that I can think of." He returned to Washington invigorated by his experience and began campaigning for the island's conversion to national park status. It was an uphill battle, and one he did not live to see come to fruition. Stephen Mather died in 1930, the year before Congress authorized the park and ten years shy of seeing the island join the crown in 1940. But he was instrumental in getting it on this path, and may have even become the namesake of this park if the designation had come sooner. When you feast your senses on Isle Royale, you are enjoying one of the last jewels in Stephen Mather's crown, and the first ever from the Midwest.

This year the park marks the 75th anniversary of its establishment. Join in the celebrations of this "Greenstone Jubilee" by raising a glass, or water bottle, to toast the many people who made this national park possible.

Amalia Tholen Baldwin  
Former Isle Royale park ranger  
and author of *Becoming Wilderness*

## WELCOME TO ISLE ROYALE

A seventy-fifth anniversary deserves a celebration. How do we best commemorate this big occasion for one of the "jewels" of the National Park System? A milestone anniversary is a time to reflect upon years past, but is also a time to look ahead, to consider whether or not we might do better, and to envision the shape of the future.

Directing future action takes advance planning. Three planning efforts will be underway in 2015 (see page 3.) Visitor involvement and comments are critical to these processes. I invite you to participate, to add your name to the roll call of park advocates who have helped polish and care for this gem of a park.

Even if you don't join the planning efforts, let me know your vision for Isle Royale National Park for its centennial in 2040 or send a photo and story from your scrapbook of Island memories. Our partner, the National Parks of Lake Superior Foundation, will share them so others can gain understanding of the lasting connections this park makes.

Philanthropy has always played a role in providing quality park experiences. A major donation from National Park Concessions, Inc., allowed us to move towards a more sustainable and quiet future as we switch to solar power at Rock Harbor and Windigo. If you are planning a trip, please consider joining us for a celebration of both the 75th and sustainability on August 22, 2015.

The jewels that make up the National Park Service are our shared legacy and are the responsibility of each succeeding generation. Celebrate this park's first seventy-five years by remembering the past and contemplating the future, but most of all by making the journey to visit this heirloom in person.

Phyllis Green  
Superintendent



Printing of  
*The Greenstone*  
courtesy of the  
Isle Royale and  
Keweenaw Parks  
Association



## 4 Interpretive Activities

Educational programs and guided tours about the natural and cultural history of the park.

## 5–8 Trip Planning

Pull-out map with information on Leave No Trace, hiking, camping, fishing, canoeing, kayaking and boating.

## 11 Transport & Fees

Ferry schedules and daily fees.  
**Changes to Use Fee Collection for 2015**

## 12 Publications

Books and maps provided through the Isle Royale and Keweenaw Parks Association.







# Contacts

## Isle Royale National Park

800 E. Lakeshore Drive  
Houghton, MI 49931-1869

**Phone:** 906-482-0984

**Fax:** 906-482-8753

**Website:** [www.nps.gov/isro](http://www.nps.gov/isro)

### E-mail for General Information:

[ISRO\\_ParkInfo@nps.gov](mailto:ISRO_ParkInfo@nps.gov)

### Emergency use only:

(440) 546-5945 or  
toll free 1-800-433-1986

## Isle Royale and Keweenaw Parks Association

### (Books, Maps, DVDs and Posters)

800 East Lakeshore Drive  
Houghton, MI 49931-1869

**Phone:** 800-678-6925; 906-482-3627

### Website:

[www.irkpa.org](http://www.irkpa.org)

### E-mail:

[irkpa@irkpa.org](mailto:irkpa@irkpa.org)

## Rock Harbor Lodge

### Summer

P. O. Box 605  
Houghton, MI 49931-0605

**Phone:** 906-337-4993

### Winter

Rock Harbor Lodge, P. O. Box 27,  
Mammoth Cave, KY 42259-0027  
Toll-Free Reservations: 866-644-2003  
Phone: 270-758-2001

### Website:

[www.RockHarborLodge.com](http://www.RockHarborLodge.com)

### E-mail:

[isleroyaleresort@starband.net](mailto:isleroyaleresort@starband.net)

## Weather Forecasts

### for Isle Royale

[www.crh.noaa.gov/mqt](http://www.crh.noaa.gov/mqt)

## Weather Radio Forecasts

- 162.400 MHz from  
Houghton, Michigan.
- 162.475 MHz from  
Thunder Bay, Ontario, Canada.

## Keweenaw Convention and Visitors Bureau

**Phone:** 888-766-0325

### Website:

[www.keweenaw.info](http://www.keweenaw.info)

**E-mail:** [info@keweenaw.info](mailto:info@keweenaw.info)

## Minnesota's Grand Marais Visitor Information Center

**Phone:** 888-922-5000

### Website:

[www.visitcookcounty.com](http://www.visitcookcounty.com)

**E-mail:** [info@visitcookcounty.com](mailto:info@visitcookcounty.com)

## Michigan Department of Natural Resources Fishing License Purchase

### Website:

[www.michigan.gov/dnr](http://www.michigan.gov/dnr)

**This publication is produced and  
funded by Isle Royale and  
Keweenaw Parks Association.**

- Photographs from the Isle Royale  
National Park collection and  
contributing writers and researchers.

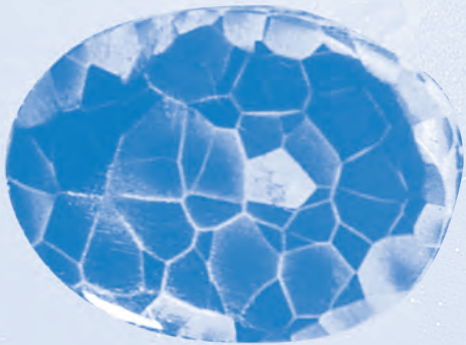
- graphic design by Terri Rach

—Printed on recycled paper—

# Did You Know?

Although a seventy-fifth anniversary gift is conventionally a diamond, it seems more appropriate to celebrate Isle Royale's jubilee with its iconic gemstone – a form of pumpellyite known as the green-star-stone, or Isle Royale greenstone. What do you know about Isle Royale's most famous mineral?

- 1) Is Isle Royale greenstone the official Michigan state rock?
- 2) The Greenstone Ridge, which forms the backbone of the island, is part of the largest lava flow on earth. What are your chances of spotting an Isle Royale greenstone while hiking this trail?
- 3) When lava cools, gas bubbles become trapped - forming cavities in the solid rock. Later, these vesicles may become filled with deposits of various minerals – such as Isle Royale greenstone. What is the geologic term for lava rock that contains these filled-in vesicles? (Hint: An islet on the park's north shore bears this name.)
- 4) Before Isle Royale became a national park, this "big name" in jewelry sent representatives to the island on buying trips to purchase Isle Royale greenstones (Hint: you wouldn't have lunch or dinner there!)



- 1) Petoskey stone (fossil coral) is the state rock, but Isle Royale greenstone was made the official state gemstone in 1972.
- 2) About zero. The Greenstone Ridge trail travels along the center of the lava flow. The mineral greenstone is associated with the tops of lava flows.
- 3) Amygdaloid, which refers to almond shape
- 4) Tiffany's. Today greenstones and all other rocks and minerals within park boundaries (both on land and in water) are protected by law.

## ANSWERS



*The quality of beauty of this little gem is  
unique. Nowhere in the United States can there  
be found such a peculiar type of scenic brilliancy  
as that found on or about Isle Royale.*

Dr. Frank Oastler in his report to the National Park Service in 1929

# Forever Resorts: Rock Harbor and Windigo

## Lakeside Lodge Rooms

Sixty rooms are available; each accommodates four and offers private bath. Open 6/9 through night of 9/11.

## Housekeeping Cabins

Twenty duplex cottages accommodate six and are furnished with utensils, dishware, private bath, double bed and one bunk bed. Open 5/22 through night of 9/11.

## Gift Shop and Dockside Store

Gift Shop offers handcrafted gifts, apparel, photo supplies, postcards, souvenirs, daily fishing licenses, and tackle. The store offers groceries, freeze-dried foods, fishing tackle, stove fuel, camping, hiking, and boating accessories, showers, laundry facilities, and sundries. Gift Shop Open 6/9 through 9/11; Dockside store Open 5/22 through 9/11.

## Lighthouse Restaurant and Greenstone Grill

Hearty meals, including fresh Lake Trout. Visitors welcome for breakfast, lunch, and dinner. Food service Open 6/9 through breakfast 9/12.

## Marina and Water Taxi

Offers 450 feet of dock space in Rock Harbor, accommodating boats up to 65 feet. Electrical, fresh water hook-up, sewage pump-out, gasoline, and diesel fuel, motorboat, canoe, and kayak rental available. Water taxi service drops off or picks up visitors, canoes, or kayaks at many island docks. Services Open 5/22 through 9/11.

## Fishing Charters and Sightseeing

Charters are fully equipped. For details on sightseeing trips refer to page 4. Open 6/9 through 9/11.

## Windigo Store and Marina

Offers groceries, cold sandwiches, camping supplies, stove fuel, daily fishing licenses and tackle, gifts and photo supplies. The marina offers gasoline, pump-out service, and motorboat, canoe and kayak rental. Shower and laundry facilities available. Open 6/9 through 9/13.

## Windigo Camper Cabins

Two rustic cabins; each accommodates up to six and is furnished with table, chairs, full size futon, 2 bunk beds with mattresses, electrical outlets and lighting and have picnic table and propane grill. Water spigot and privy are nearby. Open 6/9 through night of 9/12; additional dates in the fall may be available.

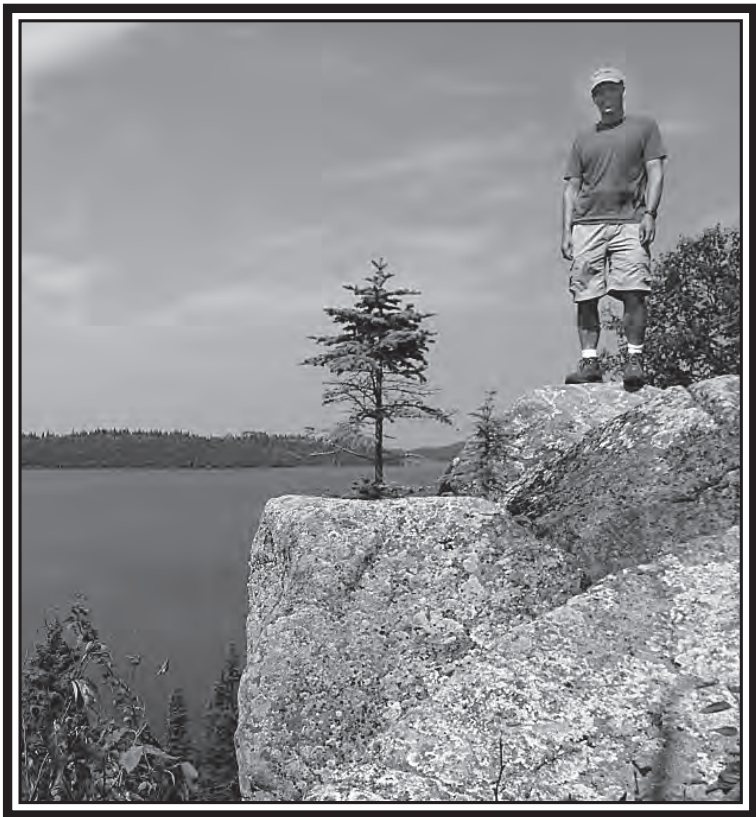
The cost for utilities on Isle Royale is much higher than on the mainland. A utility surcharge will be added to the cost of some goods and services.







Remote from the busy world, strength and rest are to be found in this ideal vacation land.



A perfect wilderness area. There are no man-made roads in this rugged country.

# Isle Royale

## An Unspoiled and Little Known Wonderland of the North

Like a great uncut emerald nestling in the crown of our inland lakes lies Isle Royale: a forest-covered, moss-carpeted mass of gigantic rocks, some 132,000 acres in extent. It is an impressive reminder of a terrific volcanic upheaval, the like of which has brought to us so many of the picturesque land and water formations we have fallen heir to. Unlike many other physical showplaces of America, Isle Royale is yet to be discovered, appreciated and enjoyed.

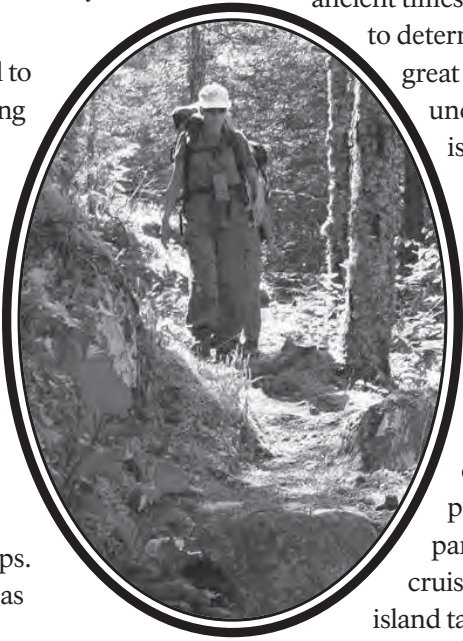
There is nothing like this virgin, unspoiled island, safely anchored to its rock foundations in northwestern Superior, and the full meaning of this will never be understood until you have journeyed to its wave-washed shores. Isle Royale is different, it is bold, rugged and magnificent. Eighteen miles to the north lie the guarding islands of southern Canada. To the west, 17 miles away, the horizon bends down to touch the forested shores of Minnesota and 55 miles southeast, over turbulent and uncertain waters, one enters Copper Harbor, the last northern harbor of refuge in Upper Michigan. From Passage Island Light at the extreme northeastern end of the island to the Rock of Ages Light, three miles off the southwestern shore, is a distance of 52 miles. Although no accurate count has been made, it is estimated that there are well over 200 small islands that help form the main groups. The outlying islands, all barren of trees or other vegetation, serve as rookeries for innumerable colonies of herring gulls.

This excerpt is from an article originally published in *American Forests* magazine in August 1926 (Text and captions are from the original article; images from 2012). It was written by Albert Stoll, Jr., conservation editor for *The Detroit News*, perhaps the best-known advocate for the preservation of Isle Royale. Beginning in 1921, Mr. Stoll worked tirelessly to secure the protection of Isle Royale, for all the people for all time. Largely due to his efforts, Isle Royale was finally established as a national park in 1940.

Albert Stoll Jr. (far left) at Isle Royale National Park's dedication ceremony in 1946.



in this rugged country) the hoof prints and discarded antlers of moose are abundant. The banks of the inland streams are beaten down like barnyard pastures and the submerged aquatic vegetation speaks plainly of mealtime. Hunting big game has been tabooed on Isle Royale since the animals were first discovered, with the result that viewing them at any time of the day is one of the pleasures of the woodland wanderer.



The fauna and flora of Isle Royale stand perhaps without parallels in the United States, except in Alaska. The evidence of moose throughout the entire island leads most Michigan conservation officials to believe that their numbers exceed 2,000. Certainly, wherever one travels (and one can only travel via moose paths or runways as there are no man-made roads or trails

A fairly complete survey of the inland habitats has failed to disclose any evidence of black bear, porcupines or skunks, although mink, beaver and muskrat abound.

In two remote sections of Isle Royale, one along the northern shore, the other in the south Siskowit Bay district, there have been uncovered mining operations of ancient times. How far back into our history these go, no one has been able to determine. In the Old Minong workings near MacCargoe's Cove, great piles of stone hammers and other stone implements have been uncovered. There is much to be done in research here and the field is fertile and untouched.

Much could be said of the beauty of the island's flora but to say that it is typical of that of northern Ontario would best explain it to the novice. The coloring of the wildflowers, the many varieties of orchids and rare plants is surprising and delightful.

In 1924, Stephen T. Mather, Director of National Parks, together with other Washington and State officials, paid a visit to the island to judge its caliber for national park purposes. The party spent four days cruising around the island taking many trips inland to accomplish something

that would take the ordinary mortal at least six months. They looked upon some of the finest specimens of whitefish, lake and brook trout in America, followed moose trails, sought out the famous chlorastrolites, followed winding, swift flowing inland streams, looked upon a few of the forty-odd inland lakes within the island, explored shoreline caverns, and watched moose feeding at twilight. But even with this hurry, the judgment of the entire party was that Isle Royale would make the most wonderful water and trail park east of the Mississippi River.

*I shall carry away with me a deep and lasting impression of this country with its primeval forests, its bird life, its fresh-washed shores, its moose and innumerable bays and passages. Its size and grandeur surpassed my expectations. It would make the finest water and trail park I can think of.*

Stephen T. Mather  
Director, National Park Service  
June 1924

### Planning for the Future

Last winter the National Park Service worked on draft alternatives to be considered in the Cultural Resources Management Plan, and began development of a Wilderness Stewardship Plan that will update and finalize the draft Wilderness and Backcountry Management Plan. The park also started work on a Moose-Wolf-Vegetation Management Plan. These plans will be available online for review and comment. Public comments are a critical part of the planning process, and we look forward to working with you and appreciate your continued interest in the future of Isle Royale National Park. Newsletters, participation opportunities, and other information related to these plans can be found at <http://parkplanning.nps.gov/ISRO>.



# Interpretive Activities

Enjoyable and educational programs are offered on Isle Royale at Rock Harbor and Windigo, and they are also presented on the National Park Service vessel, *Ranger III*. In addition, the tour boat *The Sandy* offers guided excursions.

Ranger guided tours are free, although those involving *The Sandy* and the *Ranger III* waterway cruises include a transportation fee. Check at local bulletin boards for further details.

For outdoor activities, dress for the possibility of cold or rain and wear sturdy footwear. Trails are rocky and can be slippery during or after wet weather; wear shoes with good ankle support, weatherproofing, and soles that grip well. Come join us!

- All times are Eastern Daylight Time
- \$ = transportation cost
- \*\* = indicates tours with a park ranger

ROCK HARBOR AREA	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Rock Harbor Visitor Center</b> Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr. Ranger Program.			Daily 8:00 a.m. to 6:00 p.m. – July and August Reduced schedule in May, June and September				
<b>Interpretive Programs</b> Join a park representative for an exploration of Isle Royale’s natural and cultural history.			Check the bulletin board for program schedule.				

THE SANDY TOURS FROM ROCK HARBOR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
The trails on tours are rocky and uneven with some steep climbs and descents; trails may be slippery. Be prepared for cold temperatures and the possibility of rain.	For all tours and programs involving the <i>The Sandy</i> , obtain tickets and information at the Lodge Registration Office. <i>The Sandy</i> Tours will operate from June 9 through September 11. Rates for the various tours are available at the Rock Harbor Lodge and Rock Harbor Visitor Center; children under 12 are charged half-price for the <i>The Sandy</i> . <i>Water Bus</i> service for hikers/paddlers available with some tours. Contact Rock Harbor Lodge for details.						

<b>Hidden Lake/Lookout Louise (\$)**</b> <b>Greenstone Shuttle</b> A 4-mile boat trip on the <i>The Sandy</i> to Hidden Lake Trailhead followed by a 2-mile round trip hike past Hidden Lake up 320 feet to Lookout Louise. View the south shore of Canada and the north shore of Isle Royale. Return with the group or bring a lunch and water and hike 9.4 miles back to Rock Harbor.			9:00 a.m. to 12:30 p.m. (Water Bus)		9:00 a.m. to 12:30 p.m. (Water Bus)		
<b>Passage Island (\$)</b> An 8-mile boat tour on the <i>The Sandy</i> crosses one of Isle Royale’s popular shipping lanes. The 2-mile round-trip hike leads to Passage Island Lighthouse and explores an area of low moose presence.		1:30 p.m. to 6:00 p.m.		9:00 a.m. to 1:30 p.m.		1:30 p.m. to 6:00 p.m.	
<b>Edisen Fishery and Rock Harbor Light (\$)</b> Visit the historic commercial fishery with the resident fishery demonstrator and take a quarter-mile walk to the oldest lighthouse (1855) on Isle Royale and enjoy its maritime exhibits.			2:00 p.m. to 6:00 p.m.		2:00 p.m. to 6:00 p.m.		9:00 a.m. to 1:30 p.m. (Water Bus)

<b>Raspberry Island/Sunset Cruise (\$)</b> Take a walk along a boardwalk through the spruce bog on Raspberry Island followed by a cruise on the <i>The Sandy</i> around Scoville and Blake Points to view features like the Canada shoreline, the site of the <i>Monarch</i> shipwreck, and a Lake Superior sunset (after Aug. 15, cruise only).			8:00 p.m. to Sunset in June-July 7:30 p.m. to Sunset in August-September	2:30 p.m. to 5:30 p.m (tour goes to Raspberry Island only)		8:00 p.m. to Sunset in June-July 7:30 p.m. to Sunset in August-September	
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DAISY FARM	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Evening Programs</b> Explore Isle Royale’s natural and cultural history with a guest speaker.			Check the campground bulletin board for program schedule.				

WINDIGO	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Windigo Visitor Center</b> Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr. Ranger Program.			Daily 8:00 a.m. to 6:00 p.m. – July and August Reduced schedule May, June, and September				
<b>Interpretive Programs</b> Join a park representative for an exploration of Isle Royale’s natural and cultural history.			Check the bulletin board for program schedule.				

HOUGHTON	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Houghton</b> Information, trip planning, books, maps, and other educational sales materials, <i>Ranger III</i> and group camping reservations, boater camping permits, dive permits, and user fee payments.		6/1 through 9/12 open 8:00 a.m. to 6:00 p.m. Monday through Friday, Saturday noon to 6:00 p.m. 9/14 through 6/6/2016 open 8:15 a.m. to 4:15 p.m. Monday through Friday, closed on federal holidays					

RANGER III	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Interpretive and Educational Programs</b> While onboard, park staff and guest speakers, weather permitting, will explore Isle Royale’s natural and cultural history or topics related to the Lake Superior Basin. Park staff will assist in trip planning, answering questions, and issuing backcountry camping permits.	9:00 a.m. to 2:00 p.m. 8/23		9:00 a.m. to 2:00 p.m. 5/26 through 9/8	9:00 a.m. to 2:00 p.m. 5/27 through 9/9		9:00 a.m. to 2:00 p.m. 5/29 through 9/11	9:00 a.m. to 2:00 p.m. 5/30 through 9/12 (except 8/22)

<b>Keweenaw Cruises (\$)</b> Enjoy an afternoon cruise along the scenic Keweenaw Waterway aboard the <i>Ranger III</i> . For reservations call (906) 482-0984					1:00 p.m. to 3:30 p.m. 7/16. 7/30, 8/6 and 8/20		
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Park User Fees

There is a daily user fee of \$4 per person per calendar day. This applies to all park visitors, including those visiting for the day. National Parks and Federal Recreational Lands Annual Pass, Senior Pass, and Access Pass do not cover this fee. Children 11 years and younger are exempt.

**New for 2015** Pay user fees in advance at [www.pay.gov](http://www.pay.gov). Type **Isle Royale** in the search block to find the **Isle Royale NP Individual Daily Pass** form. Bring your receipt as proof of payment to show upon arrival in park.

As of 2015, *Isle Royale Queen IV*, *Voyageur II*, *Sea Hunter III* and the seaplane will no longer collect park user fees. Visitors using these services should pay in advance to avoid congestion and long waits upon arrival.

Camping

Permits are required for all overnight stays at campgrounds, cross-country sites, docks, or at anchor, regardless of group size or method of travel.

For trip planning assistance call (906)482-0984; write to Isle Royale National Park, 800 East Lakeshore Drive, Houghton, MI, 49931; or email [ISRO\\_ParkInfo@nps.gov](mailto:ISRO_ParkInfo@nps.gov)

**Group Camping** — groups of seven or more (see chart below)

**Advance reservations are required for any group or organization bringing seven or more people to the island.** If your group exceeds ten people you must split into two parties, each independent and traveling on completely separate itineraries. Organizations may not have more than twenty people camping on the island at any one time and are limited to eighty people a year.

Group leaders should carry medical information for each group member including known allergies and medical conditions, and medications currently taken.

**Small Party Camping** — parties of six or less (see chart below)

Camping for individual parties is on a first-come, first-served basis.

All small party campsites contain either tent sites or a three-sided shelter. Shelters and tent sites are available on a first-come, first-served basis. Shelters may not be reserved and may not be used solely for cooking or the storage of gear. Tents may not be erected

outside at shelter sites. Close shelter doors gently to minimize intrusive noise.

Expect crowded conditions at campsites from late July through August. When sites are full campers should double up and share empty tent pad space.

Campers must stay in established campsites unless off-trail (cross country) arrangements are made when permitting. Off-trail hiking and camping are difficult on Isle Royale.

Commercial Groups and Special Use Permits

Organizations that charge trip participants a fee or that compensate members or trip leaders in any way are commercial groups under federal law. This applies to both non-profit and for-profit groups and organizations. **For-Profit Groups** require a Commercial Use Authorization - CUA (\$200 fee)

**Non-Profit Groups** require a Special Use Permit - SUP (\$50 fee)

Applications for CUAs and SUPs are accepted between January 2 and May 15. For application forms and further information visit [www.nps.gov/isro/parkmgmt/businesswithpark.htm](http://www.nps.gov/isro/parkmgmt/businesswithpark.htm).

Commercial filming and still photography SUPs have a different fee schedule based on type of activity and number of people. Contact Greg Bickings at 906-487-7178 or [greg\\_bickings@nps.gov](mailto:greg_bickings@nps.gov) for details.

“Quiet, Please”

Most visitors come to Isle Royale to hear the sounds of nature in a wild setting. Excessive human noise disturbs wildlife and other visitors. During quiet hours, between 10:00 p.m. and 6:00 a.m. EDT, if people in adjacent campsites can hear your activities, you are being too loud.

Respect Wildlife

Observe, photograph, and enjoy park wildlife from a safe distance. Use binoculars or a zoom lens “to get closer” to wildlife. Loons are especially susceptible to disturbance, and may abandon their nests when approached too closely by boats. Cow moose with calves, particularly in the spring, and bull moose during the fall rut can be dangerous; give them a wide berth.

Keep wild animals wild by discouraging them from approaching humans. Practice proper food storage and keep a clean camp. To protect your food make sure it is sealed and secured. It is illegal to feed, touch, tease, or intentionally disturb wildlife, their homes, nests, or activities. Animals, particularly fox and otter, when habituated to human

food, may eventually overcome their natural wariness of humans and may have to be destroyed.

Human Waste

Proper disposal of human waste helps prevent pollution of water sources, minimizes aesthetic impacts to other visitors and reduces the spread of illness. Never defecate within 100 feet (at least 50 steps) of lakes, streams, trails, gullies, or campsites. In areas without outhouses, select a site that visitors are unlikely to discover. With a small trowel, dig a “cathole” 6 to 8 inches deep and 4 to 6 inches in diameter. Use toilet paper sparingly. After use, cover the “cathole” with the excavated soil and disguise it with natural materials. Urinate on durable surfaces away from campsites and water sources. Pack out all used feminine-hygiene products, carrying them in plastic bags, doubled to confine odor.

Waste Water Disposal

Cleaning Cookware

Most cookware can be cleaned with hot water, a little elbow grease, and sand or other natural scrubbers. Clean cookware at least 100 feet from lakes, streams, trails, gullies, or campsites. Soap is unnecessary for most dishwashing jobs. Even biodegradable soaps take a long time to degrade. Use these products sparingly and keep them at least 100 feet from water sources and campsites. Use a small strainer or screen to remove food bits from the water and pack them out with your garbage. The remaining gray water should be scattered or broadcast over a wide area away from camps and water sources.

Bathing/Cleaning Clothes

When bathing use soap only if necessary and use it sparingly. Get wet, then move at least 100 feet away from all water sources and campsites to lather and rinse. Rinse water can be carried in collapsible containers or pots. Clothes can be cleaned by taking them away from water sources and campsites and thoroughly rinsing them with plain water.

Drinking Water

Potable water is only available in Rock Harbor and Windigo. All surface lake and stream water should be considered contaminated with pathogens. Drinking contaminated water can make you very sick. Water collected in the park should be boiled at a rolling boil for at least one minute or passed through a 0.4 micron filter. To be assured of no risk

of contamination from small bacteria and viruses, all filtered water should be further treated with iodine or other approved chemical methods. By itself, chemical treatment is not an effective method of water purification. If you boil your water, bring plenty of stove fuel. If filtering, bring a replacement cartridge for filters that cannot be cleaned in the field. Please note: SteriPENs and other UV purifiers have not been manufacturer-tested for a common Isle Royale parasite and cannot be considered effective.

Precautions should be taken to prevent filters from becoming clogged. Filter water from a pot rather than directly from a lake or creek. Allow the sediment in the pot to settle and filter only from the cleaner water on top.

Dehydration is a factor in most medical problems experienced in the park. In hot weather the Greenstone, Minong, and other trails become hot and dry, and creeks that once offered water may be dry. To avoid dehydration, be sure to carry a minimum of 2 quarts of water per person. Drink as much water as possible while near water sources. Start hiking early before the day heats up. Hike at a slower pace than usual and rest in shady spots. Dehydration is also a problem in cold weather as most people don’t feel thirsty and tend to drink less. Watch for mild signs of dehydration such as thirst, fatigue, headache and dizziness. Signs of severe dehydration include nausea, reduced or no sweating and long stretches without urinating.

**Drinking Water Notice**

*In recent years, blue-green algae blooms have occurred in several inland lakes. Blue-green algae can be toxic and filtering does not remove toxins from the water. Avoid swimming, fishing or filtering water if it has a cloudy-blue cast or looks like “pea soup.” Report possible algae blooms to park staff. If algae blooms occur, advisories will be posted at park visitor centers. For more information visit the Minnesota Pollution Control Agency website, <http://www.pca.state.mn.us/water/clmp-toxicalgae.html>.*

Pack It In, Pack It Out

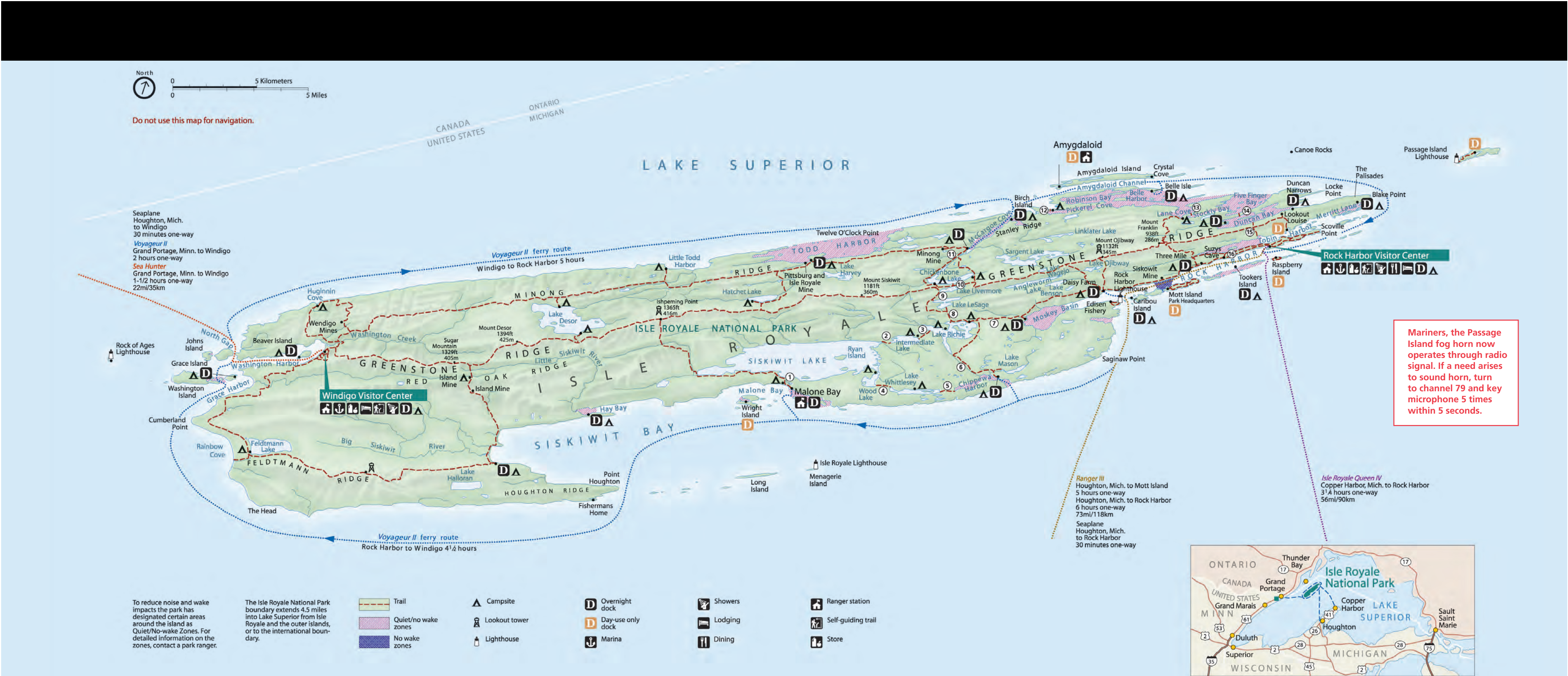
It starts at home. Through careful meal planning and repackaging of food items, you can reduce food leftovers and trash in the backcountry. Pack out everything you take in. Leftover food, food scraps, orange peels, nutshells, apple cores, twist-ties, candy wrappers, fishing line, and cigarette butts must be packed out. If you have food leftovers, either save and eat them later or pack them out. Trash and food scraps must not be burned, buried or placed in outhouses.

Leave What You Find

Enjoy your discoveries and take them home via photographs, drawings, and memories. Natural objects of beauty or interest such as moose antlers, plants, driftwood, cultural or archeological resources, rocks and minerals, including those found in Lake Superior, must be left where they are so others can experience the same sense of discovery. Removing, possessing, or disturbing park resources is prohibited. This may seem like a harmless act, but the cumulative effect of many people doing the same can be quite damaging to park resources. Picking small quantities of berries for personal consumption is permitted.

IF YOU HAVE	YOU WILL CAMP AT	PERMIT REQUIRED	OBTAIN YOUR PERMIT AT	NON-REFUNDABLE PROCESSING FEE
6 people or fewer	Individual camp sites. First come, first serve	Small Party Backcountry Camping Permit	Rock Harbor or Windigo Visitor Centers upon arrival to island, or onboard <i>Ranger III</i> ferry.	\$0
Two or more parties of 6 people or fewer (not to exceed 20)	Individual camp sites. First come, first serve	Small Party Backcountry Camping Permit for each party of campers. With completely separate itineraries**	Group Camping office in Houghton in advance  by phone at 906-482-0984  or online <a href="http://www.nps.gov/isro/planyourvisit/group-camping-parties-of-seven-to-ten.htm">http://www.nps.gov/isro/planyourvisit/group-camping-parties-of-seven-to-ten.htm</a>	\$25 for first 10 people Additional \$25 for 11 to 20 people.
One group of 7 – 10 people	Reserved Group tent sites	Group Camping Permit		\$25
Two groups of 7 – 10 people	Reserved Group tent sites	Two Group Camping Permits With completely separate itineraries**		\$50
One group of 7-10 people and One party of 6 people or fewer	Reserved Group tent sites and Individual camp sites. First come, first serve	Group Camping Permit and Small Party Backcountry Camping Permit With completely separate itineraries**		\$50
**Separate itineraries means that small parties/groups cannot camp in the same campground at the same time.				





CAMPGROUNDS							
KEY: CR - Fires in community ring only S - Self-contained stoves only W - Treated water supply F - Campfires allowed or standing grills provided							
	Consecutive Night Stay Laminated Signage 6/1 - Labor Day	Individual Tent Sites	Shelters	Group Tent Sites	Special Information	Normal Conditions Day or Night	One-board Generator Use Permitted
■ Beaver Island	3	0	3	0	S	2' - 5'	yes
■ Belle Isle	5	1	6	0	F	13'	yes
■ Birch Island	3	1	1	0	S	5'	no
■ Caribou Island	3	1	2	0	CR	10'	yes
■ Chickenbone E.	2	3	0	1	S	-	-
■ Chickenbone W.	2	6	0	3	S	-	-
■ Chippewa Harbor	3	2	4	1	F	7'	no
■ Daisy Farm	3	6	16	3	S	9'	no
■ Desor N.	2	3	0	0	S	-	-
■ Desor S.	2	7	0	3	S	-	-
■ Duncan Bay	3	1	2	0	F	6'	no
■ Duncan Narrows	3	1	2	0	F	6'	no
■ Feldtmann Lake	2	5	0	2	S	-	-
■ Grace Island	3	0	2	0	S	2' - 4'	yes
■ Hatchet Lake	2	5	0	3	S	-	-
■ Hay Bay	3	1	0	0	S	3' - 7'	yes
■ Huginnin Cove	3	5	0	0	S	-	-
■ Intermediate Lake	2	3	0	0	S	-	-
■ Island Mine	3	4	0	2	F	-	-
■ Lake Richie	2	4	0	2	S	-	-
■ Lake Richie/Canoe	2	3	0	0	S	-	-
■ Lake Whittlesey	2	3	0	0	S	-	-
■ Lane Cove	3	5	0	0	S	-	-
■ Little Todd	2	4	0	0	F	-	-
■ Malone Bay	3	0	5	2	F	3' - 6'	yes
■ McCargoe Cove	3	3	6	3	CR	7'	no
■ Merritt Lane	3	1	1	0	S	8'	no
■ Moskey Basin	3	2	6	2	S	8'	no
■ Pickerel Cove	2	1	0	0	S	-	-
■ Rock Harbor	1	11	9	3	W-S	-	-
■ Rock Harbor Marina	Unlimited	-	-	-	F	3' - 12'	yes
■ Siskiwit Bay	3	4	2	3	CR	2' - 6'	no
■ Three Mile	1	4	8	3	S	9'	no
■ Tobin Harbor Dock	5	-	-	-	S	3' - 8'	yes
■ Todd Harbor	3	5	1	3	CR	2'	no
■ Tookers Island	3	0	2	0	S	7'	no
■ Washington Creek	3	5	10	4	S-W	-	-
■ Windigo Dock	5	-	-	-	S	4' - 20'	yes
■ Wood Lake	2	3	0	0	S	-	-

\* Refer to page 8 for details

## CANOE PORTAGES

Distance•Elevation-Change•General Comment

- 1 Malone Bay - Siskiwit Lake - 3 miles, 40' Gradual Slope
- 2 Siskiwit Lake - Intermediate Lake - 4 miles, 40' Gradual
- 3 Intermediate Lake - Lake Richie - 6 miles, 120' Hilly and wooded
- 4 Wood Lake - Lake Whittlesey - .6 miles, 80' Rolling
- 5 Lake Whittlesey - Chippewa Harbor - .6 miles, 140' Steep grades and rocky
- 6 Chippewa Harbor - Lake Richie - 1.2 miles, 160' Hilly
- 7 Moskey Basin - Lake Richie - 2.0 miles, 120' Gradual but very long
- 8 Lake Richie - Lake LeSage - .6 miles, 100' Steep grades, wet
- 9 Lake LeSage - Lake Livermore - .4 miles, 80' Steep grades, wet
- 10 Lake Livermore - Chickenbone Lake - 2 miles, 40' Steep but short
- 11 Chickenbone Lake - McCargoe Cove - 1.2 miles, 80' Hilly
- 12 Pickerel Cove - .1 miles, 10' Short and sweet
- 13 Lane Cove - Stockly Bay - .1 mile, 8' Short and sweet
- 14 Five Finger Bay - Duncan Bay - 2 miles, 8' Short and sweet
- 15 Duncan Bay - Tobin Harbor - .8 miles, 175' Extremely steep
- 16 Tobin Harbor - Rock Harbor - 2 miles, 40' Up and over

NOTE: Because of Isle Royale's geology, north-facing slopes are much steeper than south-facing slopes.

## SAFETY TIPS

The island's Wilderness and Lake Superior present challenges and potential hazards to the inexperienced or ill-prepared.

- Basic emergency services are available on the island, but contacting rangers for assistance can be difficult. Emergency response and evacuation may take time, requiring you to rely on your own skills and equipment. Most private boaters on Lake Superior have radios and can contact park rangers in an emergency.
- Bring a good first aid kit, a sufficient supply of any needed medications, and clothing appropriate for the time of year.
- Filter with chemical treatment or boil all surface water. Drink plenty of water. When dehydrated, you tire more quickly, don't think clearly, and are more prone to fall.
- Weather and lake conditions can deteriorate quickly and unexpectedly. Hypothermia can occur any time of the year, especially near Lake Superior, where water and air temperatures are cool to cold year-round. Fog and waves can quickly create dangerous conditions for boaters, especially for paddlers.
- Many people underestimate hiking travel times and overestimate their abilities. Plan shorter, realistic travel days; don't turn your wilderness trek into a forced march.

## FISHING REGULATIONS

Species	Seasons	Minimum Size	Daily Possession Limit	Comment
Lake Trout, Rainbow Trout and Salmon Lake Superior	All Year	10" except 15" for lake trout	5 in any combination, but no more than 3 of any one species - only one over 34"	*1, *2
Lake Trout Siskiwit Lake	April 16 to October 31			*2, Artificial lures *3, and barbless hooks *4
Coaster Brook Trout Lake Superior	Last Saturday in April to Labor Day	N/A	Catch and release only in park's waters.	*1
Brook Trout Streams and Hidden Lake	Last Saturday in April to Labor Day	N/A	Catch and release only - No possession allowed	Artificial lures *3 and barbless hooks *4
Rainbow Trout Streams		7"	5 fish with no more than 3 fish over 15"	
Lake Herring (Cisco) and Lake Whitefish Inland Lakes	April 16 to October 31	N/A	Catch and release only	*3 *4
Yellow Perch Lake Superior and Inland Lakes	April 16 to October 31	No minimum size	50	Recommend daily limit of 10 *4
Northern Pike Lake Superior and Inland Lakes	May 15 to October 31	24" Lake Superior Inland Lakes - No minimum size, 30" maximum	5 in any combination, but no more than 2 Northern Pike	Artificial lures only on interior lakes *3 and streams *4 See Greenstone article page 10 for details
Walleye Lake Superior and Inland Lakes		15"		

For additional fish species, seasons, creel limits and 2015 regulation updates and changes review the Michigan Fishing Guide

\*1 Park boundaries extend 4.5 miles out into Lake Superior from the outermost land areas of the park.

\*2 For additional trout/salmon fishing information, review the Michigan Fishing Guide.

\*3 Artificial lure means any lure or fly manufactured in imitation of, or as a substitute for natural bait. It is unlawful to use or possess live bait, dead or preserved bait, organic or processed food, or scented material on interior lakes or streams.

\*4 Only barbless hooks may be used for fishing the park's rivers, creeks, and streams, and all inland lakes. Barbed hooks are only allowed in Lake Superior waters.



## Insects

Expect mosquitoes, black flies, gnats, and other insects to peak in June or July. During wet summers, mosquito populations can continue well into August. Bring insect repellent, netting, or other skin barriers. Dry summers will produce an abundance of yellow jackets. Bring an epinephrine kit if you or a member of your party is allergic to bee stings. For others, over-the-counter antihistamines may help counter minor swelling and itching.

## Minimize Use of Fires

Campfires are permitted at only a handful of campgrounds. A backpacking stove is a must; these stoves are lightweight, dependable, easier to use, and less damaging to the park than wood fires. Where campfires are allowed, a metal fire ring is provided; never build your own ring. Gather only dead and down wood away from the camp area. **Do not import firewood; insects and pathogens from an infected wood source could devastate Isle Royale's forests.** Use small diameter wood no larger than an adult's wrist, as this will burn completely and will eliminate the need to pack a hatchet or saw. Collect wood from a wide area and away from the immediate vicinity of camp. This keeps the camp area from becoming depleted of wood and potential nutrients. Do not break branches or strip bark from standing trees, live or dead. Resist the temptation to gather driftwood or wood from beaver dams or lodges. Do not burn trash in any form. The fire should be kept small. Once finished, make sure the flames and coals are dead out and cold to the touch; double check before going to bed or leaving camp.

## Canoeing/Kayaking

Lake Superior is well known for its cold temperatures, fog, and sudden squalls that can generate waves that could easily swamp a canoe. This along with scarce outer shore landing sites adds to the potential danger. Small, open vessels are encouraged to use the numerous miles of waterways that the inland lakes provide. Canoeists and kayakers should be familiar with weather patterns and consult the marine forecast at visitor centers before embarking. Be prepared to adjust your schedule to the weather. A portable marine radio is recommended.

### Portages –

Canoe routes and portages are on the northeast half of the Island. Portages are marked with a letter “P” on a post.

### PFD –

Every canoeist and kayaker must have a U.S. Coast Guard approved personal flotation device. Wear it; your life may depend on it.

### Boat Rental –

Canoe, kayak, and motorboat rentals are available at Windigo and Rock Harbor. For more information contact the Rock Harbor Lodge. (refer to page 2).

## Loons

Isle Royale National Park contains over 100 loon nesting territories, supporting the only known population which still breeds in Great Lakes waters. These birds nest on

land very close to the shoreline, making them highly susceptible to human disturbance. An adult loon who tremolos (the laughing call) is sending a message that you are too close. From mid-May through July 15 (loon nesting season) visitors are to stay at least 150 feet away from small islands. Additional areas may be closed due to loon nesting, please check at the visitor centers for updated information.

## Aquatic Invasive Species

Invasive species are considered to be one of the top threats to the ecological integrity of our national parks. Please take time before and during your trip to do your part to repel the invasion.

### What can you do to stop the spread?

#### *Before traveling to Isle Royale*

##### Boaters

Drain live wells and bilge on land - remove transom water, lake water, and unwanted bait from your boat. Wash your boat, including bilge and equipment with either: a) hot (greater than 104 degrees F) water, b) high pressure water, c) disinfectant OR Clean and dry your boat and equipment in the sun for five days. Rainy days don't count.

##### Backpackers

Prior to departure, clean your tent, backpack, camping gear, clothing, and boots.

##### Canoeists and Kayakers

Remove weeds, algae, and other plant and animal materials from your boat. Wash your boat and equipment with either: a) hot water (greater than 104 degrees F), b) high pressure water, c) disinfectant OR clean and dry your boat and equipment in the sun for five days. Rainy days don't count.

##### Anglers

Clean fishing gear before island departure.

##### Divers

Wash all dive gear in warm chlorinated tap water - Disinfect your wetsuit with a special-purpose shampoo - dry all dive gear and wetsuit for seven days before island departure.

#### *While on Isle Royale*

If you filter water from Lake Superior, change your filter or backflush several times with filtered water before using inland.

##### Canoeists and Kayakers

Wipe down your boat and associated gear before moving from Lake Superior to inland waters.

##### Anglers

When moving from Lake Superior to inland waters, clean gear and change line spools.

## Wheeled Vehicles/ Devices

Wheeled vehicles (except for non-motorized wheelchairs) or other mechanical forms of transportation are not allowed outside developed areas at Rock Harbor and Windigo. This includes bicycles and portaging devices.

## Weapons, Traps, & Nets

The use or possession of weapons, traps, and nets is prohibited. Weapons include any implements designed to discharge a projectile or missile in the air or water and include among other things the slingshot, blowgun, and bow and arrow. Fireworks are prohibited.

Exception: Possession of firearms within the park is regulated by Michigan law regarding open and concealed carry. Federal law prohibits possessing firearms in certain federal facilities. For information on weapons restrictions aboard ferries and seaplanes, see park website. ***Please Note: The discharge of firearms within park boundaries is prohibited.***

For more detailed information about firearms and links to pertinent legislation and laws visit [www.nps.gov/isro/parkmgmt/lawsandpolicies.htm](http://www.nps.gov/isro/parkmgmt/lawsandpolicies.htm)

## Pets

Dogs, cats, and other mammals are not allowed. This includes pets on boats within the park boundaries, which extend 4.5 miles into Lake Superior from the outermost land areas of the park. Visitors bringing pets to Isle Royale will be required to leave immediately. Pets disturb wildlife and can transmit diseases, particularly to wolves. Special conditions apply to service animals. Please contact the park for further information.

## Showers

The concession operation offers token-operated shower facilities at Rock Harbor 5/22 through 9/11 and Windigo 6/9 through 9/13.

## Boating

All boaters staying overnight at anchor, at docks, or in campgrounds must first obtain a camping permit. Lake Superior offers challenging and often dangerous weather in the form of dense fog, high winds, waves, and thunderstorms. Combine this with rocky reefs, limited safe harbors, and Isle Royale's remoteness, and it pays for you, your crew, and your boat to be shipshape. For additional information on boating and trip planning please request the park's Isle Royale Boating Guide. **In addition to Houghton, Rock Harbor, and Windigo, boaters may obtain Isle Royale camping permits on-line at [www.nps.gov/isro](http://www.nps.gov/isro).**

### *Restricted Water Activities –*

Water skiing and personal watercraft including vessels commonly referred to as jet skis, waverunners, sea-dos, wet bikes, or surf jets are prohibited. Since all of the park's inland lakes are located within designated Wilderness, they can only be explored by paddling. Vessels with motors (even if not in use) are prohibited on inland lakes and streams.

### *Portable Generators, Electronic and Motorized Devices –*

Operation of electronic and motorized devices such as stereos, televisions, radios tuned to commercial stations and portable generators are not permitted except in developed and open-water motorized zones. Developed areas include the Windigo and Rock Harbor developed areas, and the Mott Island Headquarters area. Open water motorized zones include Lake Superior waters outside of designated “quiet/no wake waters”.

### *On-Board Generators –*

The operation or use of permanently installed (by the boat manufacturer) on-board vessel generators is allowed between 6:00 a.m. and 10:00 p.m. Eastern Daylight Time in developed zones and at the following docks: Beaver Island, Belle Isle, Caribou Island, Grace Island, Hay Bay, Malone Bay, Rock Harbor, Tobin Harbor and Windigo. On-board generators

may not be operated or used at the following public docks: Birch Island, Chippewa Harbor, Daisy Farm, Duncan Bay, Duncan Narrows, McCargoe Cove, Merritt Lane, Moskey Basin, Siskiwit Bay, Three Mile, Todd Harbor, and Tookers Island. Vessels at anchor within Quiet/No Wake Zones may operate on-board generators between 6:00 a.m. and 10:00 p.m. Eastern Daylight Time, except when anchored within 1/4-mile of a designated park campground.

### *Quiet/No Wake Zones –*

These zones promote a quality visitor experience by providing relatively tranquil, natural marine surroundings. Within the zone, vessels must not exceed 5 mph or create a wake in excess of surrounding seas. Quiet/No Wake Zones include specified areas near Todd Harbor, Johns Island, Barnum/Washington Islands, Hay Bay, Wright Island, Malone Bay, Chippewa Harbor, Conglomerate Bay, Moskey Basin, Lorelei Lane, Tobin Harbor, Merritt Lane, Passage Island, Duncan Bay, Five Finger Bay, Lane Cove, Robinson Bay, Pickerel Cove, Belle Harbor, Crystal Cove, and McCargoe Cove. Consult map on page 6 and 7.

### *Pollution Prevention –*

Head pump-out service is available at Windigo and Rock Harbor when the concession operation is open. Vessels carrying spare fuel in portable containers must use legally approved containers. Fuel may not be stored on docks.

### *Customs –*

All vessels arriving from Canada (U.S. or Canadian) must clear U.S. customs at Windigo or Rock Harbor Visitor Center. **A valid passport, U.S. Passport card, enhanced drivers license, or trusted traveler program card is required. Visitors from Canada can be cleared for Isle Royale only.** For additional information go to [www.cbp.gov](http://www.cbp.gov).

### *Divers –*

Please refer to your dive permit regulations concerning compressor use.

### *Fuel –*

Gasoline is sold from 6/9 through 9/13 at Windigo; gasoline and diesel fuel are sold from 5/22 through 9/11 at Rock Harbor. Diesel fuel is not available at Windigo. Early and late season service or fuel may be obtained at Windigo and Mott Island if personnel are available.

**For detailed information on park regulations visit [www.nps.gov/isro/parkmgmt/lawsandpolicies.htm](http://www.nps.gov/isro/parkmgmt/lawsandpolicies.htm)**

**For additional information on Leave No Trace request a copy of the park's LNT booklet or visit [www.lnt.org](http://www.lnt.org)**



# Searching out Invaders — *In the Field with Park Biologists*

We leave early in the morning, canoe paddles in hand. Lush green vegetation sparkles with dew as we ascend to the Greenstone Ridge. Traveling along the ridgetop, we pass a population of Isle Royale ragwort, a plant species found here on this island but nowhere else in the world. Then we leave the trail and the going gets rougher—much rougher. We try to stay out of the mucky wetlands and remain high enough to spy the tall white pine that marks our canoe. Once afloat, we paddle along the shoreline, keeping our eyes peeled for things that don’t belong. We pass thimbleberries, paper birch, alders, and myriad other native species. Then up ahead a blaze of magenta flowers with frosted blue leaves assaults our senses. The tiny peninsula we land on harbors a population of spotted knapweed—a non-native and aggressive plant species. We will spend the rest of the day ripping these plants out and stuffing

their wilted carcasses into black plastic bags...I love my job.

While the Upper Midwest has numerous troublesome invasive species, many of these are not present on Isle Royale. Three quadrillion gallons of cold Lake Superior water create a formidable barrier, making it difficult for new species to reach the archipelago.

But invaders do arrive. They are most often found around developed areas, along trails, and in campgrounds; where exposure from the mainland is high. Unknowing visitors, animals, wind, and water continue to spread seeds from these locations. And though a lone seed may seem insignificant, if unnoticed it can lead to the establishment of a sizable population. Depending on the species and size of the population, such an event could lead to a decrease in island biodiversity

and compromise ecosystem integrity.

The plant we are removing from the peninsula, spotted knapweed, could do just that. Spotted knapweed’s beautiful magenta flowers can produce up to a thousand seeds per plant; and these seeds remain viable for up to nine years. In addition, spotted knapweed produces a chemical in its roots that inhibits the growth of other plants. With its competitive advantages, spotted knapweed rapidly spread throughout the United States. While it has not devastated Isle Royale, it has the potential to displace native species and create monocultures.

Because many invasive plant species outcompete native plants, it is crucial for the park to have a systematic program to address the threats these invaders pose...that’s my job. The invasive species management program at Isle Royale includes monitoring

and mapping for high-risk areas, mechanical and chemical treatment, as well as education and prevention. The work often involves long hours in the field, like today’s trip to Sargent Lake.

By late afternoon our trash bags are full. We have collected the magenta flowers to prevent the seeds from reestablishing and will haul this noxious waste away for transport to the mainland. But the job here is not done. We will revisit this site later in the summer to remove any plants we missed, then continue to monitor the site for the next decade to remove any remnants of the population. With vigilance and perseverance our efforts may allow an intact native ecosystem to flourish on this small peninsula once more.

**Erin Haglund**  
Biological Technician



At work removing invasive plants



Invasive spotted knapweed in bloom



Isle Royale ragwort grows no other place in the world

### How can you protect the Isle Royale ecosystem from invasive plants?

Make sure that all gear and clothing brought to the island are clean and free of any seeds or plant material. Familiarize yourself with non-native invasive plants. Visitors are encouraged to report sightings of and locations for any suspicious plants.

## Youth Scientist Adventures — *In the Field with the Next Generation of Park Stewards*

**Isle Royale – Day Two:** Today, we became Isle Royale Ninja Warriors! We hiked out four miles to a beaver dam. There were logs in the mushy muck along the side of the beaver pond. We bobbed and balanced on slippery logs as we wrestled out invasive thistles. We removed a grand total of 153 thistles! Most of us fell in the muck—more than once.

The six of us looked like swamp monsters as we hiked back to our basecamp in Windigo. Who are these mud-covered eighth graders? We are the Isle Royale Youth Scientists. Our team’s mission? To work alongside park biologists, and discover and then share with others why this island national park is such a great place to do science.

Isle Royale has meant a lot to us. In the fall of 2013, twenty-five students from Kingsford (MI) Middle School were given the opportunity to venture out to Isle Royale. The following year six of us were invited to return as youth scientists.



The team removing invasive thistles along the Minong Ridge Trail

**Isle Royale – Day Three:** It was a sunny afternoon, but cool, so we weren’t sure if snakes would be out and about. On Isle Royale, garter snakes come in many color forms—there are ones with red checkerboard patterns, red ones, black ones and even blue ones. Scientists wonder about this and are collecting as much information as they can. So we took data on each snake: length, weight,

color form, behavior, and we counted scales to make sure they were Eastern Garter Snakes.

We were always on the go experiencing something about the island or involved in some activity with the scientists. We packed our lunches and took off for the day, returning in the evening to blog about our adventures. Since returning

from the island we’ve been busy sharing Isle Royale with hundreds of students, teachers and community members.

In all, we dealt with many different projects on and off the island. From this experience we gained leadership skills, teamwork, and the confidence to be able to stand up in front of a group of people other than our peers to educate them about Isle Royale.

**Isle Royale – Day Four:** Being able to experience and do projects hands-on is so much better than sitting in a boring classroom. We go out, roll up our sleeves, and get our hands dirty. We’re really experiencing what it is like to be a real scientist.

We will use our knowledge and experience in the future and pass it on to future generations. We cannot even put into words what it is like being a Youth Scientist on Isle Royale. It’s a memory we will never forget.

**Youth Scientist Team:** Olivia Allen, Valerie Caylor, August Early, Matthew Moreau, Luke Terrian, and Tori Kowalkowski

*The Youth Scientist Program was funded through a National Park Service Parks as Classrooms grant. Leadership and funding for the Isle Royale Education Program, which serves over two hundred middle-school students annually, is provided by the Renewable World Foundation.*



# Transportation Services

Rates and schedules are subject to change.

## FROM HOUGHTON, MICHIGAN



### RANGER III

**National Park Service owned and operated.**  
5 hours one-way to Mott Island 6 hours one-way to Rock Harbor, 165 ft., 128 passenger vessel

**SCHEDULE (Eastern Daylight Time)**  
5/26 thru 9/12

■ Houghton to Rock Harbor  
Tues. and Fri. 9:00 a.m.

■ Rock Harbor to Houghton  
Wed. and Sat. at 9:00 a.m. (except departing Sunday 8/23 – no return on 8/22)

FARES	ONE WAY
<b>Low Season</b> Prior to 7/7 and after 8/23	
Adults.....	\$53.00
<b>High Season</b> 7/7 through 8/23	
Adults.....	\$63.00
<b>All Season</b>	
Children (7 thru 11 years) .....	23.00
Children (age 6 and under) .....	FREE
Boat (less than 18'01").....	90.00
Boat (18'01" to 20'00").....	140.00
Disabled boat (20'01" to 24'00").....	350.00
	<small>Captain's discretion</small>
Canoes/Kayaks (hand-loaded).....	22.00
Canoes/Kayaks (over 20'00" or 90 lbs.) .....	50.00
Outboard Motor.....	15.00
100 lbs. gear per passenger .....	FREE
Additional freight after 100 lbs .....	\$9.50/100wt.
<b>GROUP RATES</b>	<b>ONE-WAY</b>
(A party of seven or more)	
Adults.....	\$53.00
Children (7 thru 11 years) .....	\$23.00

**SPECIAL RATES**  
**Ranger III Birthday Special**  
Round trip: Adult \$63.00 Children \$23.00,  
If round-trip is scheduled between 6/9 and 6/20

**Keweenaw Waterway Cruise**  
(2 ½ hours) 7/16 and 7/30, 8/6 and 8/20  
Depart from Houghton 1:00 p.m.

Adults..... \$20.00  
Children and Youth (age 1 through 15) ..... \$5.00  
Infants (under 1 year).....FREE

**RESERVATIONS**  
Full payment required for confirmed reservation.  
National Park User Fee is payable at time of departure. Major credit cards accepted.  
Reservations accepted on or after January 2.

**CANCELLATIONS**  
Refunds, minus a 15% processing fee, if cancellation is received 3 days prior to sailing and tickets are returned. No refund within 3 days of sailing.

**AMENITIES**  
Free parking • Largest of the ships • Two decks for passenger use • *Ranger III* Grill • Interpretive Programs • Backcountry Permits issued and orientation given onboard • Four lounges • Accessible Bathroom

**FOR INFORMATION OR RESERVATIONS CONTACT**  
Isle Royale National Park  
800 East Lakeshore Drive  
Houghton, MI 49931-1869  
**On-line Reservations:**  
www.nps.gov/isro  
**Phone:**  
(906) 482-0984  
**Fax:**  
(906) 482-8753  
**E-mail:**  
ISRO\_ParkInfo@nps.gov  
**Website:**  
www.nps.gov/isro

## FROM COPPER HARBOR, MICHIGAN



### ISLE ROYALE QUEEN IV

3¼ hours one-way, concession operated, 100 ft., 100 passenger vessel

**SCHEDULE (Eastern Daylight Time)**  
■ Copper Harbor 8:00 a.m.  
■ Rock Harbor 2:45 p.m.

5/11 thru 6/5 ..... M & F  
6/8 thru 6/30 ..... M, T, Th, F, Sat  
7/1 thru 7/22 ..... M, T, Th, F, Sat, Sun  
7/23 thru 9/7 ..... Every Day (no trip W 9/2)  
9/11 thru 9/28 ..... M & F

FARES	ONE-WAY
5/11 thru 7/14 & 8/16 thru 9/28	
Adults.....	\$60.00
Children (1 thru 11).....	30.00
7/15 thru 8/15	
Adults.....	\$65.00
Children (1 thru 11 years).....	32.50
Infants (under 1 year).....	FREE
Canoes/Kayaks .....	25.00
Double Kayaks .....	40.00
Motors (under 5 hp).....	5.00
Motors (5 hp and over) .....	15.00
70 lbs. gear per person.....	FREE

**RESERVATIONS**  
Online reservations available at www.isleroyale.com. Phone reservations also taken. Full-fare deposit required. Canoes and kayaks require reservations. Major credit cards accepted.

**CANCELLATIONS**  
There is no refund if canceled less than 3 days before sailing. Cancellations received with more than 3 days notice will be sent an 85% refund. If canceling a group of 10 or more, two weeks notice is required.

**MISCELLANEOUS**  
Parking fee • Limited snacks • Freight, canoes, etc. carried for our passengers only • Baggage limited to 40 pounds per passenger • Email and faxes are for information requests only  
Motor Boaters be advised that the *Queen IV* is presently not equipped to carry motor boats. Boaters should contact the *Ranger III* for passage.

**FOR INFORMATION OR RESERVATIONS CONTACT**  
The Isle Royale Line, Inc.  
P.O. Box 24, Copper Harbor, MI 49918  
**Phone:**  
(906) 289-4437  
**Fax:**  
(906) 289-4952  
**E-mail:**  
isleroyalequeen@gmail.com  
**Website:**  
www.isleroyale.com

## FROM GRAND PORTAGE, MINNESOTA



### VOYAGEUR II

Grand Portage to Windigo - 2 hours one-way, Windigo to Rock Harbor - 5 hours one-way, concession operated, 60 ft. vessel

**SCHEDULE (Central Daylight Time)**  
■ Grand Portage to Rock Harbor via Windigo/McCargoe Cove/Belle Isle

5/13 thru 5/23 ..... W & Sat 7:30 a.m.  
5/25 thru 9/12 ..... M, W & Sat 7:30 a.m.  
9/16 thru early October..... W 7:30 a.m.

■ Rock Harbor to Grand Portage via Daisy Farm/Chippewa Harbor/Malone Bay/Windigo

5/14 thru 5/24 ..... Th & Sun. 8:00 a.m. (9:00 a.m. EDT)  
5/26 thru 9/13 ..... Tue, Th & Sun 8:00 a.m. (9:00 a.m. EDT)  
9/17 thru early October..... Th 8:00 a.m. (9:00 a.m. EDT)

Windigo Round-Trip – Sat. & Sun. 9/19 thru early October  
Grand Portage to Windigo..... 8:00 a.m.  
Windigo to Grand Portage ..... 1:00 p.m. (2:00 p.m. EDT)

FARES	ONE-WAY
Grand Portage to Windigo.....	\$71.00
Child (4 thru 11 years).....	49.00
Grand Portage to any designated same day stop beyond Windigo/Any designated same day stop beyond Windigo to Grand Portage .....	85.00
Child (4 thru 11 years).....	59.00
Inter-island travel between various same day designated island stops.....	53.00 – 66.00
Inter-island travel for child.....	37.00 - 47.00
Canoe, Kayak.....	40.00
40lbs Gear per passenger .....	FREE
Air Tanks, Additional freight .....	\$40.00/100 lb.

**RESERVATIONS**  
Full payment required for confirmed reservations. Major credit cards accepted. Refund is 85% of fare, provided cancellation is received at least 2 full weeks prior to departure.

**MISCELLANEOUS**  
Parking fee • Hot coffee available • Freight shipments must be arranged in advance • Fuel surcharge • Fishing poles must be in protective cases • Hard gear must be in securely closed packs.

**FOR INFORMATION OR RESERVATIONS CONTACT**  
Grand Portage-Isle Royale Transportation Line, Inc.  
P.O. Box 10529, White Bear Lake, MN 55110

**Phone:**  
(651) 653-5872 – Oct thru April  
(218) 475-0024 – May thru Oct  
**E-mail:** reservations@isleroyaleboats.com  
**Website:** www.isleroyaleboats.com

## FROM GRAND PORTAGE, MINNESOTA



### SEA HUNTER III

1.5 hours one-way, concession operated, 65 ft. vessel

**SCHEDULE (Central Daylight Time)**  
■ Grand Portage to Windigo.....departure 8:30 a.m.  
6/10 thru 7/11 ..... W, Fri, Sat  
7/15 thru 8/16 ..... W, Th, Fri, Sat, Sun  
8/19 thru 8/29 ..... W, Fri, Sat  
■ Windigo to Grand Portage ..... daily 2:00 p.m. (3:00 p.m. EDT)  
6/10 thru 7/11 ..... W, Fri, Sat  
7/15 thru 8/16 ..... W, Th, Fri, Sat, Sun  
8/19 thru 8/29 ..... W, Fri, Sat

FARES	ONE-WAY
Adults.....	\$71.00
Children (4 thru 11 years) .....	49.00
Canoe/Kayak .....	40.00
40 lbs. Gear per passenger.....	FREE
Additional freight.....	\$40.00/100 lb.

**SAME DAY ROUND-TRIP**  
Adults..... \$67.00  
Children (4 thru 11 years) ..... 37.00

**RESERVATIONS**  
Full payment required for confirmed reservations. Major credit cards accepted. Refund is 85% of fare, provided cancellation is received at least 2 full weeks prior to departure.

**MISCELLANEOUS**  
Parking fee • Hot coffee available • Limited snacks • Sightseeing en route • Fishing poles must be in protective cases • Hard gear must be in securely closed packs • Fuel surcharge.

**FOR INFORMATION OR RESERVATIONS CONTACT**  
Grand Portage-Isle Royale Transportation Line, Inc.  
P.O. Box 10529, White Bear Lake, MN 55110

**Phone:**  
(651) 653-5872 – Oct thru April  
(218) 475-0024 – May thru Oct  
**E-mail:** reservations@isleroyaleboats.com  
**Website:** www.isleroyaleboats.com

## FROM HOUGHTON, MICHIGAN



### SEAPLANE

30 – 40 minutes one-way, concession operated amphibious Cessna 206

**SCHEDULE**  
5/18 thru 5/29 ..... M, T, Th & Fri  
6/1 thru 9/18 ..... M, T, Th, Fri, Sat, Sun

**FARES**  
Round trip ..... \$310.00  
One Way ..... 210.00  
Inter-island ..... 100.00

**RESERVATIONS**  
Full payment required for confirmed reservation. Full refund of fare, provided cancellation received at least two full weeks prior to departure.

**MISCELLANEOUS**  
The seaplane accommodates up to four persons. • Baggage is limited to 50 pounds per person. • The plane cannot carry stove fuel. Selected fuels are available upon arrival in the park

**FOR INFORMATION OR RESERVATIONS CONTACT**  
Isle Royale Seaplanes  
16179 Via Solera #106  
Fort Myers, FL 33908  
**Phone:**  
(906) 483-4991  
(877) 359-4753  
**E-mail:**  
reservations@royaleairservice.com  
**Website:**  
www.royaleairservice.com

## WATER TRANSPORTATION ON THE ISLAND

**VOYAGEUR II**  
During its clockwise circumnavigation of the Island, *Voyageur II* provides drop-off and pick-up services at several areas. Please refer to their schedule and rates.

**ROCK HARBOR LODGE WATER TAXI**  
Provides drop-off and pick-up services between Rock Harbor and McCargoe Cove on the north shore and Rock Harbor and Malone Bay on the south shore. Opens 5/22 through 9/11. For rates and further information visit www.RockHarborLodge.com For contact information refer to page 2.

## GENERAL INFORMATION

- No alcohol consumption on passenger ferries.
- Pets and wheeled devices are not allowed.
- Wheelchairs are allowed. • Stove fuel can be carried in approved containers on ferries, but not on the seaplane. • Lake Superior weather is cool throughout the year; for comfort bring a warm jacket.

### New for 2015

Pay user fees in advance at www.pay.gov. Type **Isle Royale** in the search block to find the **Isle Royale NP Individual Daily Pass** form. Bring your receipt as proof of payment to show upon arrival in park.

As of 2015, *Isle Royale Queen IV*, *Voyageur II*, *Sea Hunter III* and the seaplane will no longer be collecting park user fees. Visitors using these services should pay in advance to avoid congestion and long waits upon arrival.

User fees apply to all park visitors, including those visiting for the day. National Parks and Federal Recreational Lands Annual Pass, Senior Pass, and Access Pass do not cover this fee.

Isle Royale National Park season passes can only be purchased through the park; either by phone (906-482-0984), or in person at a visitor center.

### Isle Royale’s Recreation Fee Program

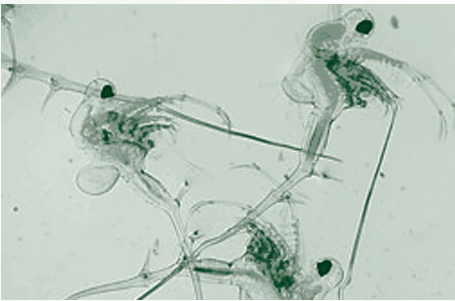
Fee Categories	Rate and Explanation
Daily User Fee	\$4.00 per person per day. Children 11 and under are exempt from the fee. (See box at left)
Pay user fees in advance at www.pay.gov	
(Optional): Individual Season Pass	\$50.00 This pass is valid from April 16 through October 31 of the year indicated. The pass covers the User Fee for the person whose signature appears on the pass.
(Optional): Season Boat Rider Pass	\$150.00 This pass is valid from April 16 through October 31 of the year indicated. The pass covers the User Fee for all persons onboard, when affixed to the private boat (charters excluded). When camping, the pass is only valid for passengers included in and following the itinerary of the vessel.



# Invader Alert – Aquatic Invasive Species

Isle Royale waters, like all Lake Superior waters, face a growing threat from the invasion of non-native species. Once species like zebra mussels, spiny water fleas and sea lamprey enter an area, they cause large scale changes in the ecosystem.

Two invasive species, the sea lamprey and the spiny water flea have already established a presence in Isle Royale waters. The spiny water flea is presently found only in Lake Superior. The park is concerned it may enter the inland lakes. Once established, its spines harm predator fish and the fleas disrupt the zooplankton population, the basic food source for many fish species.



In 2009, zebra mussels were documented for the first time. Their potential to cause catastrophic change cannot be overstated. If zebra mussels were to enter the inland lakes it is estimated that they would cover nearly every habitable surface on an inland lake floor in two to four years.

The exotic virus Viral Hemorrhagic Septicemia (VHS) has reached Lake Superior. This disease affects more than 40 species of fish including lake trout and coaster brook trout. The incredible genetic diversity of Isle Royale’s lake trout would be at risk if VHS was introduced to Isle Royale waters.

# Stopping the Spread – Visitor Responsibilities

Vessel owners are legally responsible for Aquatic Invasive Species decontamination prior to entering park waters (extending 4.5 miles from Isle Royale and the outer islands). This applies to all vessels (power and sailboats, canoes, kayaks, etc.), regardless of size or configuration. Please take the following steps to prevent the transport of zebra mussels and other aquatic invasive species to Isle Royale waters:

**Inspect** for zebra mussels and other aquatic invasives attached to your trim tabs, swim platform, motor mounts, hull and equipment. Feel the hull. A coarse sandpaper texture may indicate larval mussels attached to your boat.

**Remove** all zebra mussels and other invasive species along with any aquatic plants from your boat, trailer and equipment. Larval mussels are

best removed with a scrub brush or similar method. Treat invasives like litter. Dispose of them in a trash can.

**Drain** all water from your motor, livewell, bilge, transom, etc., away from any body of water.

**Wash** your boat, including bilge and equipment with a) hot water (greater than 104 degrees F), b) high pressure water, or c) disinfectant OR

**Clean and Dry** your boat and equipment in the sun for five days. Rainy days don’t count.

**Check** to see if your boat is coming from a port known to have zebra mussels. Duluth, Superior, Thunder Bay, Marquette, Ontonagon and Ashland all have documented infestations. If so, take extra measures to assure decontamination.

# Fishing at Isle Royale

A Michigan fishing license is required for fishing in Lake Superior, including narrow bays and harbors, and when transporting fish from the island to the mainland. If you are under 17 years of age, you may

fish without a license. Licenses are not required to fish on the inland waters of Isle Royale; possession limits are generally the same as those set by the State of Michigan. Anglers should refer to the Michigan fishing regulations for

possession limits and detailed license requirements for Lake Superior (also see the chart on page 7 for a brief guide to regulations). Only 24-hour licenses are available on the island and only when concession services are

open. You may purchase a Michigan fishing license and download a copy of the Michigan Fishing Guide at [www.michigan.gov/dnr](http://www.michigan.gov/dnr).

## REMINDER:

Barbless hooks and artificial lures only in all inland lakes, streams and creeks.

## Special Brook Trout Regulations

Surveys indicate populations are dangerously low and may be at risk of disappearing unless protective measures remain in place. The National Park Service and Michigan DNR have implemented protective regulations at Isle Royale in order to help with the recovery of this once-common fish.

Brook trout can be identified by their nearly square tail and wormlike pattern on the back and dorsal fin. If you’re uncertain about the species you catch, return it to the water.

## Lake Superior Waters

(extend 4.5 miles out from the island)

Catch and release only for all brook trout, including all bays and harbors.

## Inland Waters

Catch and release only in all lakes, streams, and creeks. Only artificial lures and barbless hooks can be used in all lakes, streams, and creeks.

## Fishery Conservation

With its multitude of reefs and bays on Lake Superior and its numerous interior lakes and streams, Isle Royale provides varied opportunities for recreational fishing. How can you help to conserve and minimize damage to the Isle Royale fishery?

- Possession or use of bait for fishing within Lake Superior park waters is limited to those fish and/or fish parts caught within Isle Royale National Park waters. Transporting fish or fish parts for use as bait to the park is prohibited.
- Catch only what you plan to keep or eat. Catch and release can be damaging and stressful on fish.
- Know the minimum and maximum legal size of fish so they can be released quickly if they are too small or too large.
- If moving from Lake Superior to inland waters, change to a new spool of line to help prevent the spread of invasive spiny waterfleas to inland lakes.
- Release larger fish and keep medium size fish to insure future productivity.

- Return fish to the water as soon as possible. While unhooking them, keep fish in the water as much as possible.
- Try not to handle fish, but if you need to, do so with a wet hand. Release handled fish gently by allowing them to swim from your hands rather than throwing them back into the water.
- Do not squeeze the fish or place fingers in the gills, since a torn gill can cause the fish to bleed to death.
- Remove the hook gently. Pliers work best. Cut the line near the hook if a fish is deeply hooked. A steel hook will decompose in time.
- Use only artificial lures (required in inland waters) as non-native species can accidentally be introduced by using live bait. In addition, live bait is more likely to be swallowed; resulting in more damage to fish.
- Use barbless hooks or bend down the barbs on the hooks. Using larger spoons when fishing for larger fish will help prevent catching undersize fish.

## Disposal of Fish Remains

Follow the following guidelines to eliminate the potential for attracting and feeding wildlife and to reduce unsightly fish remains and odors. Clean fish away from docks and campgrounds. Do not throw remains into shallow water, or to gulls or other wildlife. To dispose of remains:

- At Rock Harbor and Windigo, please use the fish cleaning station.
- At other Lake Superior locations, the preferred method is to deposit chopped remains (pieces 4” or less) into water at least 50’ in depth.
- At inland lake sites, the preferred method is to deposit chopped remains (pieces 4” or less) into deep water via canoe. The alternate method is to move at least 200’ (75 steps) from the campground and throw chopped remains as far as possible into deep water.

## Transporting Fish to the Mainland

You are allowed only one day’s catch in your possession. One day’s limit may be transported via ferries or seaplane with a Michigan DNR permit while license holder remains in the park. See park website for details.

## Fish Consumption Advisory

Contaminants discovered in the Park ecosystem remind us that although Isle Royale is remote, it is part of a global system. Ongoing research in six inland lakes (Sargent, Siskiwit, Eva, Shesheeb, Wagejo, and Anglemorm) shows fish with mercury levels exceeding the State of Michigan fish consumption advisories.

For information on fish consumption advisories check with park staff or visit the Michigan Department of Community Health website at: <http://www.michigan.gov/eatsafefish>

or the EPA Fish Advisory website at: <http://water.epa.gov/scitech/swguidance/fishshellfish/fishadvisories>



Join the Isle Royale & Keweenaw Parks Association and Support Isle Royale National Park Programs

The Isle Royale & Keweenaw Parks Association, in partnership with the National Park Service, promotes the public's understanding and appreciation of Isle Royale National Park and Keweenaw National Historical Park through education and research.

By publishing and selling products about Isle Royale National Park and Keweenaw National Historical Park, we educate people about these special places and raise funds that are reinvested in the parks to support research and interpretive programs.

Every year the Isle Royale & Keweenaw Parks Association contributes approximately \$25,000 in cash and in-kind aid to Isle Royale National Park.

YOU CAN HELP....

You can support the work of the Isle Royale & Keweenaw Parks Association and our partner parks by becoming a contributing member of our organization. Your tax-deductible contribution will help us share the stories of Isle Royale National Park and Keweenaw National Historical Park with people of all ages, around the world.

Membership levels are:

Life _____	\$1200	(Payable in 4 installments)
Patron _____	250	See website
Sustaining _____	100	for member
Supporting _____	50	premiums.
Household _____	35	
Individual _____	25	

Member benefits:

- a 10% discount on all purchases from IRKPA outlets and many other national park visitor centers throughout the U.S.,
- three issues of Wolf’s Eye newsletter,
- copies of park newspapers, *The Greenstone* and the *Keweenaw Guide*,
- invitations to park programs, trips, and events,
- monthly e-mail park news updates.

Become a member today!

Call us at 800-678-6925, or join online at [www.irkpa.org](http://www.irkpa.org)



Isle Royale & Keweenaw Parks Association

Offers books and other educational products in visitor centers at Rock Harbor, Windigo, Houghton and Calumet or online;



Windigo Visitor Center

Produces park signs and brochures;



Brochures

Conducts field trips and workshops;



Isle Royale Botany Workshop

Provides funding for historic preservation projects.



Historic Preservation Projects

ISLE ROYALE & KEWEENAW PARKS ASSOCIATION PRODUCTS

BOOKS, MAPS & MORE

Your purchases help support Isle Royale National Park!

- Becoming Wilderness: Nature, History, and the Making of Isle Royale National Park** \$12.95

Explore the little-known backstory of how Isle Royale became a national park, and the people and politics behind the decision to make a remote island in Lake Superior the first wilderness national park. 99 pp. Author: Amy Tholen Baldwin
- Wild Wolves We Have Known: Stories of Wolf Biologists’ Favorite Wolves** \$18.95

The International Wolf Center collected stories from more than 30 wolf researchers that provide glimpses into the amazing lives of individual wolves. 245 pp. Editors: Richard P. Thiel, Allison C. Thiel and Marianne Strozewski
- Island Life: An Isle Royale Nature Guide** \$19.95

A complete guide to the common flora and fauna of Isle Royale in one easy-to-use and easy-to-carry volume. Over 350 species of mammals, birds, fish, reptiles, trees, and flowers, each illustrated with a color photograph or drawing. 168 pp. Authors: Ted Gostomski & Janet Marr
- Isle Royale National Park: Foot Trails and Water Routes** \$16.95

The park’s authoritative trip-planning guide. Complete descriptions for trails and waterways, including mileage, difficulty and amenities at each destination. More than 60 photos and 35 detailed maps of the park’s backcountry. 4th Edition. 184 pp. Author: Jim DuFresne
- The Wolves of Isle Royale: A Broken Balance** \$29.95

This classic first-hand account of the Isle Royale predator/prey study is illustrated with more than 100 photographs. The book reveals the true nature of the little-understood wolf and some of the secrets of this one-of-a-kind research project, now entering its 56th year. 192 pp. Author: Rolf Peterson
- Ecological Study of Wolves on Isle Royale 2014-2015** \$4.95

This year’s report from the winter study on Isle Royale. Includes latest information on the island’s wolf and moose populations. Annual Reports from 1987-2014 also available. Authors: Rolf Peterson & John Vucetich
- Superior Wilderness: Isle Royale National Park** \$16.95

A natural history of Isle Royale for the layperson, emphasizing the ecology of the island, the relationship between its plants, animals and physical environment. Color photographs and an extremely readable text. Maps, photos, charts, illustrations. 171 pp. Author: Napier Shelton
- Advice From Isle Royale**

Take home some advice from Lake Superior’s island wilderness!

Postcard OR Laminated bookmark \$2.75

Magnet \$4.50

100% preshrunk cotton T-shirt (S-XL) \$16.95 (2XL \$18.95)

50/50 cotton/poly Sweatshirt (S-XL) \$24.95 (2XL \$26.95)
- Wolf-Moose Snowflake T-Shirt**

Adult S-XL \$16.95, 2XL \$18.95, Youth S-XL \$13.95

George Desort’s original design of wolf and moose tracks that form a snowflake! Says “Wolves and Moose of Isle Royale” and “www.irkpa.org.” Preshrunk 100% cotton in gray or royal blue.
- Jr. Ranger Backpack, Hat, and Vest**

High-quality Jr. Ranger products, designed with the young nature explorer in mind, complement our national parks’ Jr. Ranger programs.

Sturdy, feature-rich nylon backpack \$24.95

Poly/cotton hat with chin strap (S, M/L) \$11.95

Poly/mesh zip vest with pockets (youth S, M, L) \$23.95
- Trails Illustrated Map** \$11.95

Topographic map with wilderness tips, Leave No Trace guidelines, trails, trailheads, points of interest, campgrounds, and more. Printed on waterproof, tear-resistant material with half of the island on each side. Measures 4” x 9” folded and 38” x 25” open. Scale = 1:50,000. Updated 2006.
- Jr. RangerLand Fickle Fish Game** \$9.95

This game of chance for ages 4+ includes fun facts about each fish plus fish jokes for all ages on 22 beautifully illustrated cards. Collect the most points to win the game. Creative Child Magazine award winner.
- Ferdinand Fox’s First Summer** \$9.95

Follow a red fox as he explores the world around him during the first few months of his life. This 2014 National Science Teachers Association Outstanding Science Trade Book is sure to grab children’s hearts! Ages 4-8. 32 pp. Author: Mary Holland
- NOAA Lake Charts** \$22.50 paper, \$28.95 waterproof

Official navigation charts for Isle Royale, Lake Superior, Grand Portage, the Great Lakes, Keweenaw Peninsula, and Portage Canal. Soundings in feet. Folded or rolled. Add \$4.00 for mailing tube if rolled.
- Exploring Isle Royale** DVD \$14.95

NEW PRICE. This orientation video produced by the National Park Service shows how to best enjoy the island’s many attributes, including its trails, lakes, and campsites. Winner of the 1995 Michigan Outdoor Writers Association Best Outdoor Travel Program. 28 minutes.
- Leave it to Beavers** DVD \$19.99

This new PBS Nature film explores the near-extinction and recovery of North American beavers and their new status as engineers helping to reverse the disastrous effects of global warming and worldwide water shortages. 60 minutes. Widescreen.
- Ojibwa-made Mini Birchbark Canoe Ornaments** \$13.95

Cute traditional ornaments from Minnesota’s Red Lake Nation come in a set of three with gift box. Also available as a premium for IRKPA dues or donations of \$50 or more! 3.75”
- Special Value Package**

**Hiking & Canoeing Package** \$29.00

Includes the Trails Illustrated map, the book *Isle Royale National Park: Foot Trails and Water Routes*, and the park checklists of birds, mammals, and rocks.
- [www.irkpa.org](http://www.irkpa.org) 800-678-6925

*IRKPA members receive a 10% Discount on all purchases!*

Visit our sales outlets at Isle Royale National Park visitor centers on the waterfront in Houghton, Michigan, and on the island at Rock Harbor and Windigo.



Shipping Charges/US Mail:

Up to \$5.00	\$3.00
\$5.01 – \$10.00	\$4.00
\$10.01 – \$20.00	\$5.00
\$20.01 – \$30.00	\$7.00
\$30.01 – \$50.00	\$8.00
\$50.01 – \$75.00	\$9.00
Over \$75.00	free

Priority Mail: Add \$4.00

Additional Charges outside U.S.